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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/707,841	01/16/2004	Haining S. Yang	FIS920030235US1	1840

7590 06/13/2006  
Andrew M. Calderon  
Greenblum and Bernstein P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191

EXAMINER
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CHEN, JACK S J

ART UNIT	PAPER NUMBER
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2813

DATE MAILED: 06/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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EXAMINER
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ART UNIT	PAPER
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20060520

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

Commissioner for Patents

Jack Chen  
Primary Examiner  
Art Unit: 2813

### DETAILED ACTION

1. The reply filed on 2/6/2006 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): 1) Applicant's position with respect to the election is NOT clear. Applicant cannot make an election both **with** and **without** traverse. Applicant has to pick one over another. 2) None of the claims provided by the Applicant read on Species I (figs. 2A-2L). With respect to the claims 1-17 or 31, Applicant submitted that Fig. 2K and paragraph [0034] is within the range of Species I, Examiner respectfully disagrees because these claims do not read on the elected Species I, i.e., Re claim 1, **adjusting** the shallow-trench-isolation oxide corresponding to at least one of the n-type device and the p-type device such that a **thickness** of the shallow-trench-isolation oxide **adjacent** to the **n-type device** is *different* from a **thickness** of the shallow-trench-isolation oxide **adjacent** to the **p-type device**; Re claim 14, **adjusting** a **height** of the boundary such that a **boundary adjacent** to the **n-type device** is at a level which is *different* from a level of a height of a boundary adjacent to the **p-type device**; Re claim 31, forming a shallow-trench-isolation oxide (STI) isolating the n-type device from the p-type device wherein a **thickness** of the shallow-trench-isolation oxide **adjacent** to the **n-type device** is **different** from a thickness of the shallow-trench-isolation oxide adjacent to the **p-type device**. See 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jack Chen whose telephone number is (571)272-1689. The examiner can normally be reached on Monday-Friday (9:00am-6:30pm) alternate Monday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carl W. Whitehead can be reached on (571)272-1702. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Jack Chen  
Primary Examiner  
Art Unit 2813

May 20, 2006